

DT9818



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

POSITIVE RECALL
EFFECTIVE _____
RELEASED _____

ASAL

D4842-1

Job Sheet 194845



Part No: D4842-1

Job Qty: 8 pcs

UNDER REVIEW

Part Name: Lower Cutter Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/9/19

Job Tracking No:

Due Date: 6/11/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B SHEET 2 IPP REV:A 13.04.26 NEW ISSUE DD VERF:JLM IPP REV:B PROCESS CHANGE
13/10/29 JFS VERIFY BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	8 pcs	6/11/19	6/11/19	0.00	3.79	Bandsaw - 1		JIP 17-06-02
110	HAAS 4 Axis - B4B	8 pcs	6/11/19	6/11/19	0.00	3.79	HAAS - 1 - B4B		JIP 17-06-02
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
130	QC 8	8 pcs	6/11/19	6/11/19	0.00	0.00	QC 8 - 12		
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		
							QC 8 - 39		
							QC 8 - 4		
							QC 8 - 44		
							QC 8 - 45		
							QC 8 - 49		
							QC 8 - 58		
							QC 8 - 8		
							QC 8 - 9		
							QC 8 - 68		
							QC 8 - 67		
							QC 8 - 1 (A)		
							QC 8 - 47		
							QC 8 - 40		
							QC 8 - 52		
							QC 8 - 23		
140	Outsource - 4 - Anodize	8 pcs	6/11/19	6/11/19			ATG001-VC	13	VH8 19/01/5 2019-06-06



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S186339



Part: D4842-1

Job No: 194845

Serial No/Batch: S186339

Revision:

Inspector:

Exp Date:

Instructions:

Date: 06/02/19

DAS
73
89

5/9/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

150 Packaging 2-1 - Receive - B4B 8 pcs

6/11/19

0.00 0.00

Packaging 2 - 1 - B4B

Packaging 2 - 2 - B4B

Packaging 2 - 3 - B4B

Packaging 2 - 5 - B4B

Packaging 2 - 4 - B4B

Packaging 2 - 6 - B4B

Packaging 2 - 7 - B4B

Packaging 2 - 8 - B4B

Packaging 2 - 9 - B4B

Packaging 2 - 10 - B4B

Packaging 2 - 11 - B4B

Packaging 2 - 12 - B4B

Packaging 2 - 13 - B4B

Packaging 2 - 14 - B4B

Packaging 2 - 15 - B4B

Packaging 2 - 16 - B4B

Packaging 2 - 17 - B4B

Packaging 2 - 18 - B4B

Packaging 2 - 19 - B4B

Packaging 2 - 20 - B4B

Packaging 2 - 21 - B4B

Packaging 2 - 22 - B4B

Packaging 2 - 23 - B4B

Packaging 2 - 24 - B4B

Packaging 2 - 25 - B4B

Packaging 2 - 26 - B4B

Packaging 2 - 27 - B4B

Packaging 2 - 28 - B4B

Packaging 2 - 29 - B4B

Packaging 2 - 30 - B4B

Packaging 2 - 31 - B4B

Packaging 2 - 32 - B4B

Packaging 2 - 33 - B4B

Packaging 2 - 34 - B4B

Packaging 2 - 35 - B4B

Packaging 2 - 36 - B4B

DP JUN 20 2019

155 QC 56

8 pcs

6/11/19

0.00 0.00

QC 5 - 10

QC 5 - 12

QC 5 - 17

QC 5 - 18

QC 5 - 19

QC 5 - 22

QC 5 - 24

QC 5 - 3

QC 5 - 43

QC 5 - 49

QC 5 - 51

QC 5 - 58

QC 5 - 68

QC 5 - 9

QC 5 - 50

QC 5 - 30

QC 5 - 40

DAS
40

JUN 20 2019 9-89

180 Packaging 3-1 - Stock - B4B 8 pcs

6/11/19

0.00 0.00

Packaging 3 - 1 - B4B

Packaging 3 - 2 - B4B

Packaging 3 - 3 - B4B

Packaging 3 - 4 - B4B

Packaging 3 - 5 - B4B

Packaging 3 - 6 - B4B

POSITIVE
RECALLDAS
55
9-89

Plex 5/9/19 10:37 AM Dart.lajeunesse.marie

5/9/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

Packaging 3 - 7 - B4B

Packaging 3 - 8 - B4B

Packaging 3 - 9 - B4B

Packaging 3 - 10 - B4B

Packaging 3 - 11 - B4B

Packaging 3 - 12 - B4B

Packaging 3 - 13 - B4B

Packaging 3 - 14 - B4B

Packaging 3 - 15 - B4B

Packaging 3 - 16 - B4B

Packaging 3 - 17 - B4B

Packaging 3 - 18 - B4B

Packaging 3 - 19 - B4B

Packaging 3 - 20 - B4B

Packaging 3 - 21 - B4B

Packaging 3 - 22 - B4B

Packaging 3 - 23 - B4B

Packaging 3 - 24 - B4B

Packaging 3 - 25 - B4B

Packaging 3 - 26 - B4B

Packaging 3 - 27 - B4B

Packaging 3 - 28 - B4B

Packaging 3 - 29 - B4B

Packaging 3 - 30 - B4B

Packaging 3 - 31 - B4B

Packaging 3 - 32 - B4B

Packaging 3 - 33 - B4B

Packaging 3 - 34 - B4B

Packaging 3 - 35 - B4B

Packaging 3 - 36 - B4B

DAS 30 989

JUN 24 2019

190 QC 21 - SA

8 pcs

6/11/19

0.00 0.00

QC 21 - SA - 21

QC 21 - SA - 70

QC 21 - SA - 53

JUN 26 2019

DAS
70
9-89

Part Op 100 - (Bandsaw) Cut Blank at 19.500" *** ONE BLANK MAKES TWO PARTS***

Descriptions: 110 - (HAAS CNC Vertical Machine) 1-Machine per folio FB222 DWG REV: _____ FOLIO REV: _____ 2-deburr and break all sharp edges

130 - QC8- Inspect parts - second check

140 - Outsource process- Issue P/O to ATG : 43656 HARD ANODIZE COLOR BLACK, PRIME AS PER DWG D4842

150 - Receive & Inspect for Damage & Mat'l Certs

155 - QC5- Inspect part completeness to step on W/O

180 - Identify as per dwg & Stock Location: ENK 035

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S0.375X5.000	M7075T6S0.375 X 5.000	6.5040 ft (.813 ea)	100-Bandsaw - 1	5173627

MAT
used
6.516'

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6S0.375X5.000	7	57	0

POSITIVE
RECALL

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Lower Cutter Deflector	0.340Inches + 0.000 - 0.003	0.340 0.337	0.340	
2	Lower Cutter Deflector	0.040Inches ± 0.030	0.070 0.010	0.040	
3	Lower Cutter Deflector	45.0Degrees ± 0.5	45.5 44.5	45°	
4	Lower Cutter Deflector	0.700Inches ± 0.030	0.730 0.670	0.700	
5	Lower Cutter Deflector	8.650Inches ± 0.030	8.680 8.620	8.654	
6	Lower Cutter Deflector	0.380Inches ± 0.030	0.410 0.350	0.372	
7	Lower Cutter Deflector	0.177Inches + 0.005 - 0.001	0.182 0.176	0.178	
8	Lower Cutter Deflector	0.320Inches ± 0.030	0.350 0.290	0.321	
9	Lower Cutter Deflector	0.630Inches ± 0.030	0.660 0.600	0.630	
10	Lower Cutter Deflector	0.970Inches ± 0.030	1.000 0.940	0.970	Radius
11	Lower Cutter Deflector	2.110Inches ± 0.005	2.115 2.105	2.110	
12	Lower Cutter Deflector	2.110Inches ± 0.005	2.115 2.105	2.110	
13	Lower Cutter Deflector	0.250Inches ± 0.030	0.280 0.220	0.250	Radius
14	Lower Cutter Deflector	0.130Inches ± 0.030	0.160 0.100	0.130	
15	Lower Cutter Deflector	45.0Degrees ± 0.5	45.5 44.5	45°	

Plex 5/9/19 10:37 AM Dart.lajeunesse.marie

DAS
73
9-89

Entered: _____ Date: _____

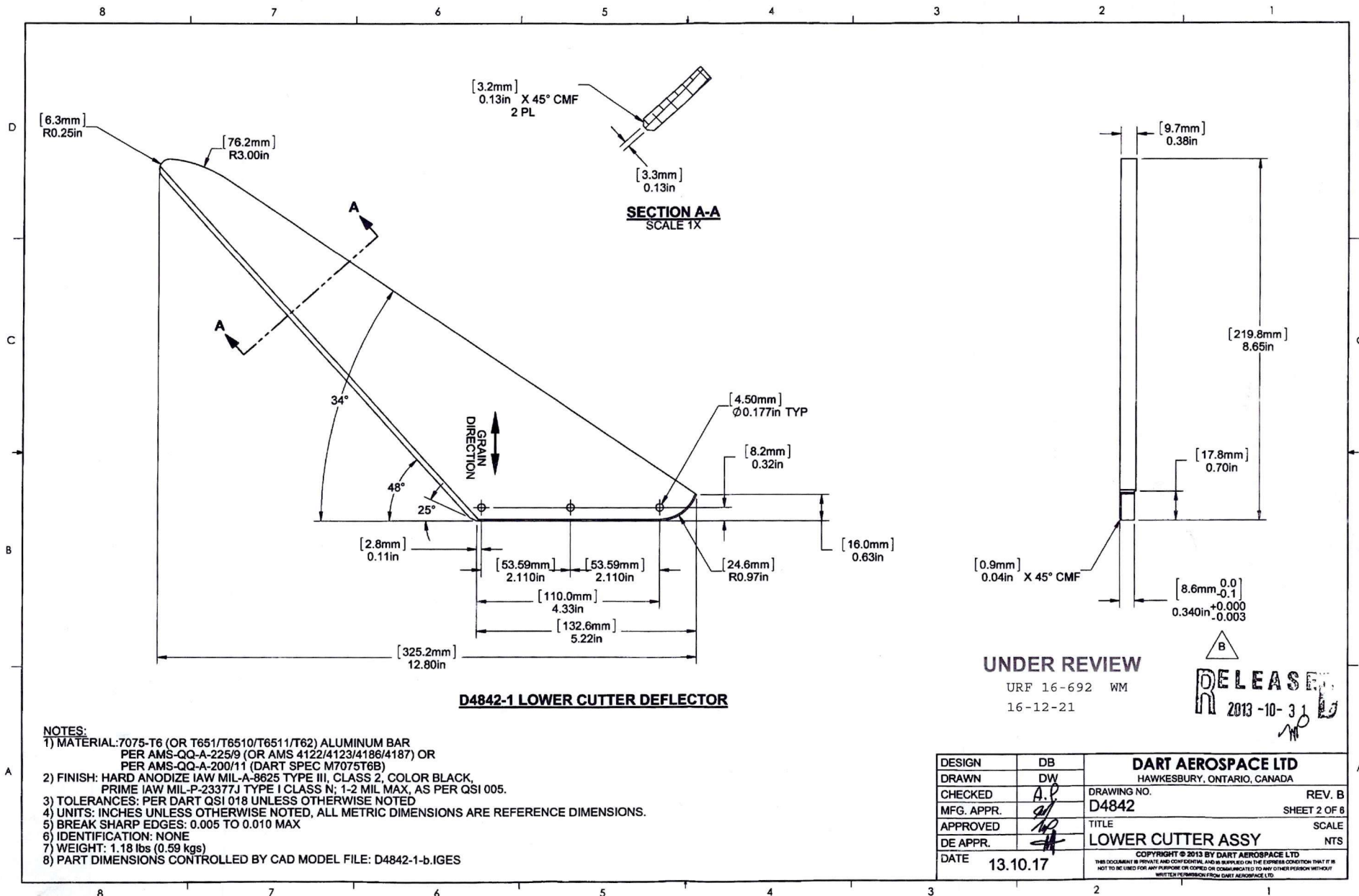


WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					





Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043656



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043656

PO Date: 6/6/19

Due Date: 6/12/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-06-10

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195531	D2348	Wearplate (Key Way) : Various STC's Issue P/O: _____ Black Anodize per Dwg D2348 Rev. C	Firmed	-	6/12/19	40 pcs	0 pcs	40 pcs	\$2.03/pcs	\$81.20
							40 X JUN 17 2019				
2	194845	D4842-1	Lower Cutter Deflector Outsource process- Issue P/O to ATG : HARD ANODIZE COLOR BLACK, PRIME AS PER DWG D4842	Firmed	-	6/12/19	8 pcs	0 pcs	8 pcs	\$13.13/pcs	\$105.04
							JUN 20 2019				
3	194911	646.3010	LH Half : Various STC's Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 646.3000	Firmed	-	6/12/19	30 pcs	0 pcs	30 pcs	\$11.33/pcs	\$339.90
							JUN 20 2019				
4	195101	D2055	Clamp : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1), Issue P/O: _____ ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2 C OF C IS REQUIRED	Firmed	-	6/12/19	16 pcs	0 pcs	16 pcs	\$2.18/pcs	\$34.88
							16 X JUN 17 2019				

DAS
40
9-89



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043656



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	194915	646.3312	Center Plate : Various STC's Issue P/O to ATG : Hard Anodize Color Black, Prime as per Dwg 646.3300 Rev. N/C	Firmed	-	6/12/19	24 pcs	0 pcs	24 pcs	\$13.13/pcs	\$315.12
				24X			JUN 20 2019			⑤P	
6	193541	D4726-1	Handle : Various STC's Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1)	Firmed	-	6/12/19	20 pcs	0 pcs	20 pcs	\$3.78/pcs	\$75.60
				20X			JUN 17 2019				
Grand Total:											\$951.74

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

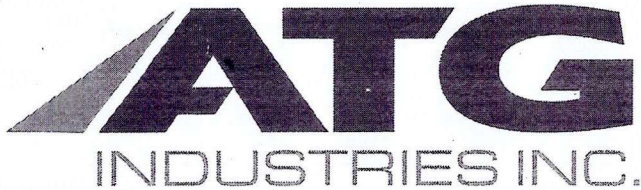
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/10/19 2:12 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 918024

Date: 19-Jun-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
8 ea	Part: D4842-1 Lower Cutter Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 25285 PO: POHB043656		Rev: B Line: 2
30 ea	Part: 646.3010 LH Half Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 25286 PO: POHB043656		Rev: NC Line: 3
24 ea	Part: 646.3312 Center Plate Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 25288 PO: POHB043656		Rev: A Line: 5
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: JUN 19 2019 Made in Canada.			

DAS
40
9-89

RECEIVED
JUN 19 2019
DART AEROSPACE LTD.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 918024

Date: 19-Jun-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Certified Signature: _____	
	Receiver Signature: _____	
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
	Made in Canada.	